



Natural Resources Conservation Service
210 Walnut Street, Room 693
Des Moines, IA 50309-2180

December 17, 2008

IOWA BULLETIN NO. IA210-9-1

SUBJECT: ENG – PROFESSIONAL DEVELOPMENT HOURS

PURPOSE. To advise all engineers of NRCS sponsored Professional Development Hours (PDH).

EXPIRATION DATE. September 30, 2009

During 2008, the following courses or functions were sponsored by the Natural Resources Conservation Service (NRCS) and meet the minimum requirements for Professional Development Hours (PDH's):

Engineering Professional Development Hours				
Description or Name of Activity	Location	Date	PDHs	Comments
Iowa Watersheds Annual Meeting	Best Western Airport Hotel, Des Moines, IA	1/09/08 - 1/10/08	6.0	Sessions covering grant applications, advocacy, digital water resources management, WS monitoring and modeling, farm bill conservation issues.
NRCS Area 2 Staff Meeting/Training	Pizza Ranch, Story City, IA	01/17/08	1.0	TSP engineering requirements for structures.
Comprehensive Nutrient Management Planning Training	Lakeshore Diner Storm Lake, IA	3/25/08 – 3/27/08	Varies	Small group training on the development of Comprehensive Nutrient Management Plans.
Intro to WinPond	Net Conference On-Line Training	4/15, 4/16, 4/18, 4/22, or 5/07/08	1.0	Using WinPond software for design of detention storage in ponds.
SITES Training for 378 and 410 Structures	Net Conference On-Line Training	5/16/08	1.5	Using SITES to design smaller dams, including vegetated auxiliary spillway (tractive stress) design.
Flowserve Pump Division – Pump and Well Training	Nebraska Landroller Facility – Hastings, NE	8/27/08 – 8/28/08	--	Well construction, development, rehabilitation, pump construction, O&M, pump application and sizing, pump and well efficiencies, mechanisms of failure, and field demonstrations.

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Livestock Pipeline Design	Ft. Dodge, IA	9/12/08	1.0	Designing livestock watering pipelines using the Iowa spreadsheet.
Soil Nailing and GCS Seminar	Net Conference On-Line Training	12/04/08	1.0	Geosynthetically confined soil and launched soil nails – history, development, theory, and applications.
Hot and Cold Weather Concrete	Net Conference On-Line Training	12/17/08	1.0	Techniques for quality concrete mix and placement in hot and cold weather (Iowa Ready Mixed Concrete Assn.)
Engineering Conference Calls	Audio or Net Conference	Monthly except Sept. and Dec.	0.5 each	Technical Topics – Varied

Other Engineering Activities eligible for Professional Development Hours

Annual Ethics and Civil Rights Training
Formal Training sponsored by NRCS (Contract Administration, etc.)
Continuing Education Courses at ISU and other schools
ACI Training
ASABE Annual International Meeting
ASABE Regional Meetings
ASCE Meetings
IES Meetings with formal programs
SWCS Chapter and National Meetings
Iowa Groundwater Association Meetings
ASDSO Meetings
AutoDesk University

Note that the Engineering and Land Surveying Examining Board requirements for professional development restrict the number of hours of certain types of educational activities, such as computer applications, ethics, or basic sciences. A summary of these requirements is attached, or for more detail refer directly to the IAC Chapter 193C.

Richard Sims, acting

Richard Sims
State Conservationist

Attachment

Summary of IA Engineering Examining Board Requirements for Professional Development

Biennial requirement = 30 PDH

Maximum carryover allowed into next biennium = 15 PDH

Activity Types Allowed for Professional Development

PDH Limit

Group 1 (maintain, improve, expand knowledge obtained prior to licensure)	
Math and basic sciences (chemistry, life sciences, earth sciences, etc).....	10
Engineering sciences (dynamics, electricity, materials science, etc)	10
Humanities and social sciences (history, fine arts, foreign languages, ethics, etc).....	5
Engineering curriculum courses (English, economics, management, computer applications*, etc.)	10
Group 2 (develop new and relevant skills and knowledge).....	Unlimited
Independent study (evaluation and certificate must be issued by course provider).....	10
Teaching (<u>only</u> if outside one's regular employment duties, newly developed material and 1 st time presenting)	10

* *Acceptable computer applications courses must be for solution of engineering problems, such as structural analysis software.*

Exclusions

Club meetings, Toastmasters

Business portion of professional society meetings

AutoCad and other basic computer applications (Excel, Word etc.)

Financial planning, real estate license courses, estate planning

Personal self-improvement, stress management

Undergraduate engineering seminars

See more detailed list in IA Code 193C

PDH Conversion

1 contact hour in a class or seminar = 1 PDH

1 contact hour teaching a class, seminar or other technical presentation = 2 PDH

1 college semester credit hour = 45 PDH

1 college quarter credit hour = 30 PDH

1 Continuing Education Unit (CEU) = 10 PDH

Link to Iowa Administrative Code, Engineering and Land Surveying Examining Board:

<http://www.legis.state.ia.us/ACO/IAChtml/193c.htm>